

**SOUND ABSORPTION COEFFICIENT α_p
OF BAFFLES**

Test 10
Date 27/06/17
Station ALPHA

AA79

REQUESTER, MANUFACTURER SAINT-GOBAIN ECOPHON

NAME Solo Baffle 1200 x 300 x 40

FITNESS FOR PURPOSE Unchecked

**CONFIGURATION 300 mm overall depth of construction, oriented in rows cc
600 mm**

STANDARDS EN ISO 354, EN ISO 11654 and EN 16487

MAIN CHARACTERISTICS

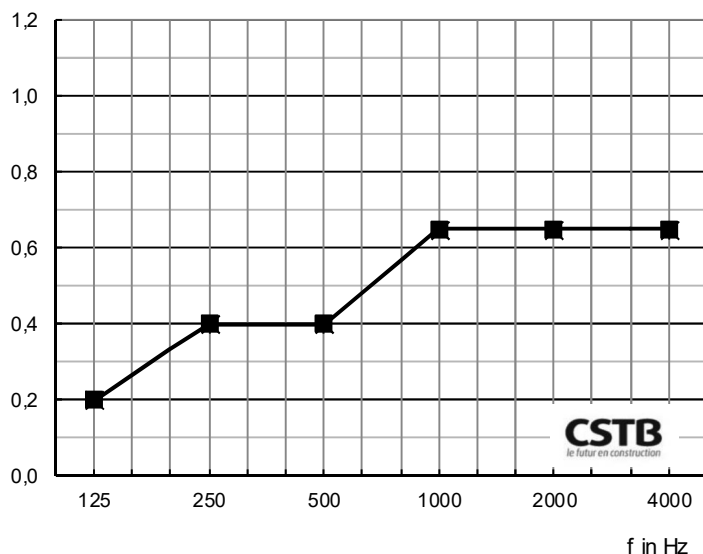
Total test area in m² : 10.75
Thickness of a baffle in mm : 40
Mounting type : J

MEASUREMENT CONDITIONS

Empty room: Room with sample:
Temperature: 23,5 °C Temperature: 23,5 °C
Relative humidity: 69 % Relative humidity: 68 %

RESULTS

α_p



f	α_p
125	0,20
250	0,40
500	0,40
1000	0,65
2000	0,65
4000	0,65
Hz	

$\alpha_w = 0,50$ (H) *

Classement : C

NRC = 0,55

SAA = 0,53

* It is strongly recommended to use this single number rating in combination with the complete sound absorption coefficient curve.